



TECHNICAL SPECIFICATION SHEET

THREE PHASES SQUIRREL CAGE ASYNCHRONOUS MOTORS

| | | | |
|--------------------------------|--------------------|------------|---|
| Type | VHS - DKPM-G 5,5/4 | | |
| Protection Class | IP23 | | |
| Duty Type / Service Factor | VFD S1 | 1.0 | |
| Insulation Class | F | | |
| Construction Type /Frame | V1 / 132 | | |
| Altitude / Ambient temperature | 1000 m | 40 C° | |
| Customer / Date / Order Number | - | 10.07.2023 | - |



PERFORMANCE DATA (FULL LOAD)

| Rated Output (kW) | Rated Speed (1/min) | Voltage (V) | Frequency (Hz) | Current (A) | Efficiency (%) | Power Factor (Cos φ) | Rated Torque MN (Nm) | Starting Current Ratio IK/IN | Starting Torque Ratio MK/MN | Breakdown Torque Ratio MD/MN | Permissible Axial Force (kN) |
|-------------------|---------------------|-------------|----------------|-------------|----------------|----------------------|----------------------|------------------------------|-----------------------------|------------------------------|------------------------------|
| 5,5 | 1430 | 380 | 50 | 11,7 | 85,00 | 0,84 | 36,7 | 5,50 | 2,50 | 2,70 | 1298,0 |

CHARACTERISTIC DATA

| | | | | | |
|-------------------------|------------------|-------------------|-------------------|-----------------------|------|
| Frame | Steel Plate | Bearings | Drive End Bearing | Non Drive End Bearing | |
| End Shield - DE and NDE | Cast Iron (GG20) | | Standart | 7310 | 6308 |
| Foot | - | | | | |
| Fan | Aluminium | Special Equipment | None | | |
| Terminal box | Plastic | Colour | RAL 2011 - Orange | | |
| Cable Gland | PA6.6 - M20 | Weight (kg) | 86 | | |



DIMENSIONS (mm) (Frame and Coupling)

| Frame | | | | | | | | | | | Coupling | | | |
|-------|-------|-------|-------|-----|-------|-------|-------|-------|------|------|----------|-----|------|------|
| H | AK | AJ | BD | AA | CD | AG | AB | P | XG | BF | BX | EW | BZ | R |
| 15,0 | 209,6 | 232,0 | 265,0 | M20 | 505,0 | 600,0 | 202,0 | 264,0 | 27,0 | 11,0 | 19,1 | 4,8 | 35,0 | 21,3 |

Important Note : Values provided in this datasheet represent the preliminary design values. Please keep in mind that these values might vary for the final product, due to technical requirements.